

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	588	k-means	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:33		
2	BRS	16	k-means with weigh\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:22		
3	BRS	2211	vector with distortion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:22		
4	BRS	190	(vector with distortion) with weigh\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:23		
5	BRS	1	"convex programming" and ((vector with distortion) with weigh\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:24		
6	BRS	2	"convex programming" and (vector with distortion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:25		
7	BRS	2	"convex programming" and heterogeneous	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:26		
8	BRS	2	("convex programming" and heterogeneous) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:26		
9	BRS	1	((("convex programming" and heterogeneous) and vector) and weigh\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:27		
10	BRS	5574	"weighted sum"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:27		
11	BRS	56	"weighted sum" with distort\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:28		
12	BRS	1	"convex programming" and ("weighted sum" with distort\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:28		
13	BRS	34	convex near2 programming	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 14:56		
14	BRS	2	((convex near2 programming) or "convex programming") and heterogeneous	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 14:57		
15	BRS	22	((convex near2 programming) or "convex programming") and objective	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:13		
16	BRS	26	"cluster dispersion"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 15:07		
17	BRS	9	"voronoi partition"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 16:26		
18	BRS	3	"voronoi partition" and convex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 16:27		
19	BRS	23	"convex programming"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 16:47		
20	BRS	0	cluster\$3 with convex with weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:14		
21	BRS	9	cluster\$3 same convex same weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:15		
22	BRS	60	cluster\$3 and (convex same weight)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:15		
23	BRS	40	(cluster\$3 and (convex same weight)) and function	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:19		
24	BRS	1075	data near3 clustering	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:19		
25	BRS	2	(data near3 clustering) with convex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:19		

Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
26 BRS	3	(data near3 clustering) with weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:19		
27 BRS	359	(data near3 clustering) and weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 17:20		
28 BRS	13	((data near3 clustering) and weight) and convex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:26		
29 BRS	4	heterogeneous with feature with space	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:31		
30 IS&R	2	("6363327").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:31		
31 BRS	588	k-means	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:33		
32 BRS	446	k-means with clustering	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:33		
33 BRS	1	(k-means with clustering) with convex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:33		
34 BRS	480	k-means same clustering	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:34		
35 BRS	6	(k-means same clustering) same convex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:35		
36 BRS	51	(k-means same clustering) same weigh\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:46		
37 BRS	5	((k-means same clustering) same weigh\$5) and heterogeneous	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:47		
38 IS&R	5	((("5729628") or ("6529916") or ("6381505")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 15:10		
39 IS&R	2	("6263334").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 15:18		
40 IS&R	2	("6115708").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 11:12		
41 BRS	23	"convex programming"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 15:33		
42 BRS	9	("5442778"   "5758147"   "5787422"   "5832182"   "5884305"   "5920856"   "5930784"   "5983224"   "6012058").PN.	USPAT	2003/03/20 11:11		
43 BRS	9	6115708.URPN.	USPAT	2003/03/20 11:11		
44 BRS	2	((("5442778"   "5758147"   "5787422"   "5832182"   "5884305"   "5920856"   "5930784"   "5983224"   "6012058").PN.) or 6115708.URPN.) and weigh\$4 and convex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 11:13		
45 BRS	12	((("5442778"   "5758147"   "5787422"   "5832182"   "5884305"   "5920856"   "5930784"   "5983224"   "6012058").PN.) or 6115708.URPN.) and weigh\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 11:15		



## Search Results

Search Results for: **[heterogeneous<AND>((weight<AND>((objective function<AND>((convex programming) ) ) ) )]**

Found **6** of **473,308** searched.

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**Results 1 - 6 of 6**    **short listing**

**1** Optimal stochastic scheduling in multiclass parallel queues 80%



Jay Sethuraman , Mark S. Squillante

**ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1999 ACM SIGMETRICS international conference on Measurement and modeling of computer systems** May 1999  
Volume 27 Issue 1

**2** The Buffer-Bandwidth Trade-off Curve is Convex 77%



Krishnan Kumaran , Michel Mandjes

**Queueing Systems: Theory and Applications** August 2001  
Volume 38 Issue 4

To achieve a constant overflow probability, the two queueing resources, viz. buffer and bandwidth, can be traded off. In this paper we prove that, under general circumstances, the corresponding trade-off curve is *convex* in the 'many-sources scaling'. This convexity enables optimal resource partitioning in a queueing system supporting heterogeneous traffic, with heterogeneous quality-of-service requirements.

**3** A Rational Compromise in the System Problem of Disclosure of Conceptual 77%



Uncertainty

N. D. Pankratova

**Cybernetics and Systems Analysis** November 2002  
Volume 38 Issue 4

A general approach and methods are proposed for matched system solution of the following sequence of interconnected problems: the construction of a set of objective functions from empirical data under conceptually uncertain conditions, the determination of a Pareto set under the condition of a rational mutual matching of the set of values and the domain of objective functions, and a multicriterion choice of a rational solution on a Pareto set under the condition of a compromise between incons ...

**4** Fair-efficient call admission control policies for broadband networks—a game 77%



theoretic framework

Zbigniew Dziong , Lorne G. Mason

**IEEE/ACM Transactions on Networking (TON)** February 1996

**5** Optimal probabilistic allocation of customer types to servers

77%



S. C. Borst

**ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1995 ACM SIGMETRICS joint international conference on Measurement and modeling of computer systems** May 1995

Volume 23 Issue 1

The model under consideration consists of  $n$  customer types attended by  $m$  parallel non-identical servers. Customers are allocated to the servers in a probabilistic manner; upon arrival customers are sent to one of the servers according to an  $m \times n$  matrix of routing probabilities. We consider the problem of finding an allocation that minimizes a weighted sum of the mean waiting times. We expose the structure of an optimal allocation and describe for some special case ...

**6** Competitive routing in multiuser communication networks

77%



Ariel Orda , Raphael Rom , Nahum Shimkin

**IEEE/ACM Transactions on Networking (TON)** October 1993

Volume 1 Issue 5

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